

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Previously Presented): A planar light source device comprising:

- a housing having an opening portion on a top face and having a hollow space;
- a scattering plate provided at the opening portion;
- a reflecting plate provided at the bottom portion of the hollow space of the housing;
- a plurality of point light sources arranged in series along at least one side of the housing; and

a refractive element, arranged in parallel with the plurality of point light sources and between the plurality of point light sources and the hollow space, that refracts irradiating light from the plurality of point light sources.

Claim 2 (Previously Presented): The planar light source device according to Claim 1, further comprising:

- a reflector surrounding the plurality of point light sources excluding the side to the hollow space; and
- a second reflector provided at a gap between the top face of the reflector and the top face of the housing; wherein:
 - an edge of the reflector exists extendedly inside of an effective display zone to the hollow space.

Claim 3 (Original): The planar light source device according to Claim 1, wherein an irradiated plane of the refractive element is slanted to the hollow space from the bottom face of the housing to the top face of the housing.

Claim 4 (Original): The planar light source device according to Claim 1, wherein:

a refractive index of the refractive element is referred to as n ($n > 1$);

a slant angle of irradiated planes of the refractive element is referred to as θ_1 ($0 < \theta_1 \leq 90^\circ$);

a slant angle of radiating planes of the refractive element is referred to as θ_2 ($0 < \theta_2 \leq 90^\circ$);

an incident angle at which luminance is the maximum among light distribution of irradiating light for the irradiated plane of the refractive element is referred to as Φ_i ($-90^\circ < \Phi_i < 90^\circ$); and

$\sin^{-1}(n \times \sin(180^\circ - \theta_1 - \theta_2 - \sin^{-1}((1/n) \times \sin\Phi_i))) - (90^\circ - \theta_2) \geq 0^\circ$ is satisfied.

Claim 5 (Original): The planar light source device according to Claim 1, wherein the refractive element has

a bottom face;

an irradiated plane, passing first cristas of the bottom face to the side of point light sources, which is slanted from the first cristas in a prescribed angle against the bottom face at the other side with the bottom face of the housing;

a plurality of nearly parallel planes to the bottom face; and

a plurality of radiating planes,

each of the plurality of radiating planes, passing corresponding cristas of corresponding one among the plurality of nearly parallel plane, which are slanted from the cristas in a prescribed angle against the corresponding one among the plurality of nearly parallel planes.

Claim 6 (Original): The planar light source device according to Claim 1, wherein the refractive element has a means for giving to irradiated light extension in direction of length hand of the refractive element.

Claim 7 (Original): The planar light source device according to Claim 1, wherein the refractive element has a light scattering means at the bottom face.

Claim 8 (Original): The planar light source device according to Claim 1, wherein the refractive element has at least one side plane, combining an irradiated plane with a radiating plane, which reflects totally irradiating light from point light sources.

Claim 9 (Original): The planar light source device according to Claim 1, wherein the reflecting plate has a first slant portion in which a gap between the scattering plate and the reflecting plate is increased from the plurality of point light sources to a facing side planes at the hollow space side.

Claim 10 (Original): The planar light source device according to Claim 1, wherein the reflecting plate has a second slant portion in which a gap between the scattering plate and the reflecting plate is decreased from the plurality of point light sources to a facing side planes at the hollow space side.

Claim 11 (Original): The planar light source device according to Claim 1, wherein the refractive element has a bottom face, combining an irradiated plane facing the plurality of point light sources with a radiating plane facing the hollow space, which inclines like approaching the bottom face of the housing while going away from the irradiated plane.

Claim 12 (Original): A display device comprising:
the planar light source device as recited in Claim 1,
a display arranged on the planar light source device.

Claims 13-18 (Cancelled).